

North Carolina Collaboratory

Funding Partnership-Based Research for Statewide Impact

March 2, 2023

Jeffrey Warren, PhD

Executive Director, NC Collaboratory

Adjunct Professor of the Practice for Public Policy

jeff.warren@unc.edu



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL





About the Collaboratory

MISSION

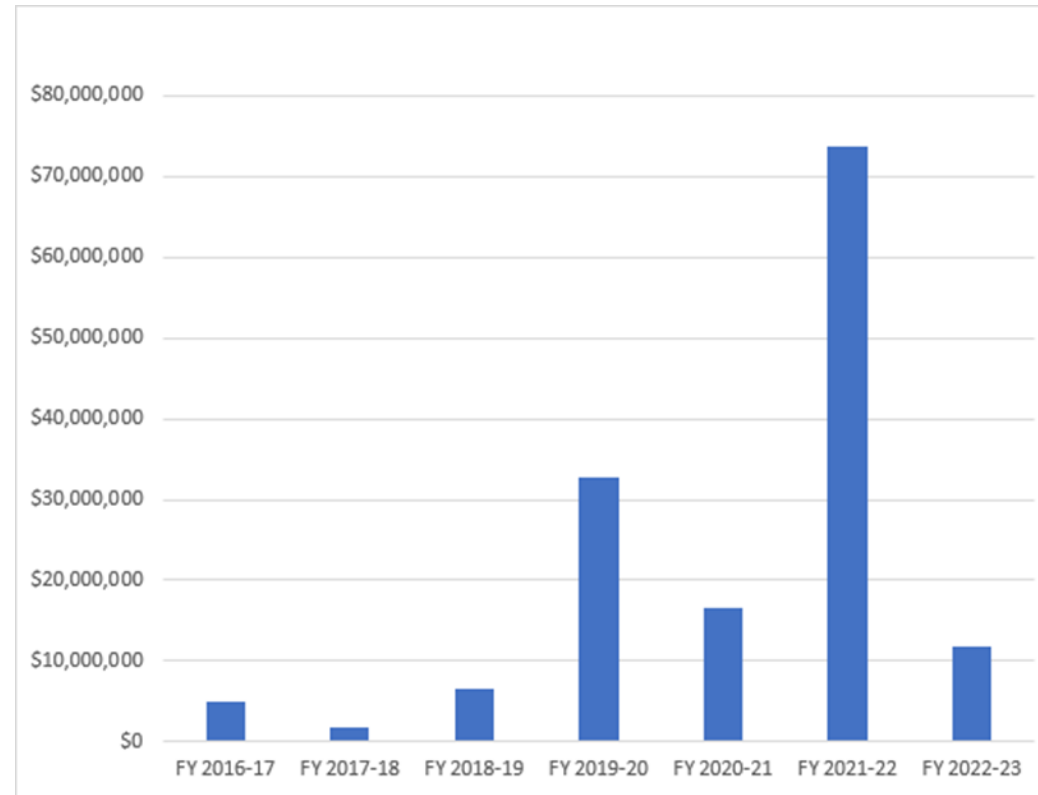
Established in the summer of 2016 by the North Carolina General Assembly, the Collaboratory disseminates state-appropriated funding to researchers across the UNC System and other institutions of higher education. *(Now codified as Article 31A of NCGS 116-255.)*

VISION

To facilitate and accelerate the innovation and expertise of academic talent and research into practical information for use by State and local governments.



Legislative Appropriations



400+

Research
Projects

20

Institutions of
Higher
Education

Collaboratory Team



Steve Wall, JD
Outreach Director



Rebecca Rice
Graduate Research
Intern



Jeffrey Warren, PhD
Executive Director



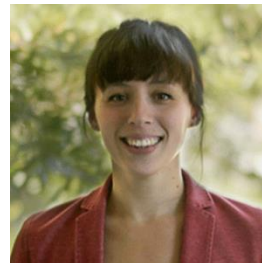
Laurie Farrar
Financial Analyst



Tara Tyson, MBA
Grants Manager



Michelle Bunce
Executive Assistant



Greer Arthur, PhD
Research Director



Al Segars, PhD
Advisory Board Chair



Caylin Luebeck
Graduate Research Assistant



Collaboratory Interns ('22-'23 AY)



Reiley Baker
Charlotte, NC



Christian Chung
Charlotte, NC



Alyssa Coleman
Carboro, NC



Sierra Foster
Mocksville, NC



Margot Francini
Pittsboro, NC



Ella Jones
Greenville, NC



Ella Jones
Winston-Salem, NC



Orla Kilpatrick
Melbourne, Australia



Bailey Pons
Chapel Hill, NC



Adriana Kirk
Cary, NC



Chloe Lind
Mooresville, NC



Sarah Masters
Cary, NC



Jenna Mayfield
Mooresville, NC



Mathangi Mohanarajah
Fayetteville, NC



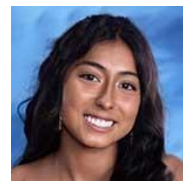
Leah Morrissey
Asheville, NC



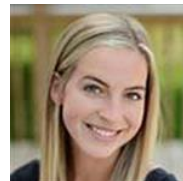
Tilghman Pope
Dunn, NC



Sarah Padyk
Sylva, NC



Fatima Perez-Dominguez
Asheboro, NC



Auburn Robertson
Raleigh, NC



Jenna Rupp
Greenville, NC



William Smith
Raleigh, NC



Hannah Stroot
Wake Forest, NC



Zoe Tallmage
Durham, NC



Natalie Varma
Chapel Hill, NC

Research Mandates

Supporting North Carolina-based research, including...



**Water
Safety Act**

\$22 million



**Opioid
Abatement**

\$7.8 million



COVID-19

\$74 million



**Flood
Resilience**

\$2 million



**Nutrient
Management**

\$4.75 million



**Fisheries &
Coastal
Habitats**

\$1.6 million



**Wastewater
Treatment**

\$20 million



Executive Branch Partnerships



NORTH CAROLINA
Environmental Quality



NC DEPARTMENT OF INSURANCE
**OFFICE OF STATE
FIRE MARSHAL**

MIKE CAUSEY, STATE FIRE MARSHAL



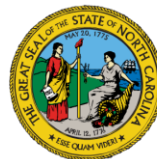
North Carolina Department of
PUBLIC INSTRUCTION



NORTH CAROLINA
**Office of
Administrative Hearings**



NORTH CAROLINA DEPARTMENT OF
PUBLIC SAFETY



NCDHHS



Funding Across the State



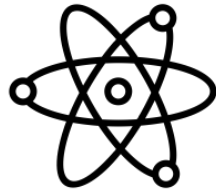
UNIVERSITY OF NORTH CAROLINA
SCHOOL
OF THE
ARTS



NCSSM



HMSI Research Grant Program



\$2.3 million

Research awards to date



\$250,000

For NC A&T and UNC Greensboro
partnership with US Army



\$320,426

For WSSU virtual reality training
program for nurses



RFPs

Three new competitive programs
launched (more to come)

\$1.5 million recurring, beginning in FY22-23



PFAS Testing Network

To date, **\$21,613,949** has been invested in **84 research projects** across **10 institutions** to help us answer...



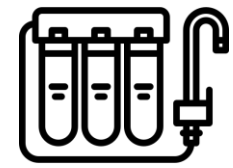
Where have
PFAS **hotspots**
been found
across North
Carolina?



How do
people get
exposed to
PFAS in North
Carolina?



How do PFAS
affect the
health of
people in North
Carolina?



How can we
help **protect**
people from
PFAS in North
Carolina?



PFAS Testing Network



PFAS Testing Network

Launching a new Applied Research Fellowship Program in partnership with the NC Department of Environmental Quality.



NORTH CAROLINA
Environmental Quality

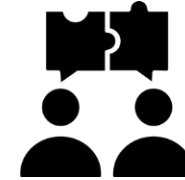


Opioid Abatement & Recovery



\$1.9 million

Community & Local Government
Engagement Research



\$600,000

Opioid Abatement
Coordination Core



\$400,000

Community Opioid Resources Engine
for North Carolina



\$2.7 million

Translational and Digital Health
Research



Discover what's Central to you.



COVID-19 Research



\$15 million

COVID-19 surveillance network,
CORVASEQ



\$44 million

For research investigating public
health & economic impacts

Business-Academia Partnership Program

\$15 million

National
INSTITUTE
Economic Development



inhalon
BIOPHARMA

sas

CHIMERIX

VAST
Therapeutics

EmitBio™

NanoDiagnostic
Technology

HALYARD

Codetta™
The Multi Omic Solution™

Kimberly-Clark



Education Recovery Network

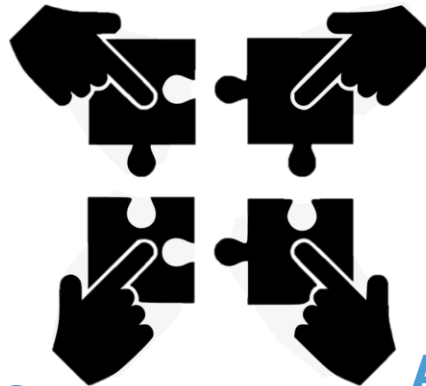
How can we help educators and students recover from pandemic-related disruptions and lost instructional time?

State Agency
Teams

District
Leaders

Schools

Academic
Researchers



North Carolina Department of
PUBLIC INSTRUCTION

\$6.7 million
research awards

across
26+ counties

and
9 universities

Education Recovery Network



“My favorite part of this research was being able to say that I am trying to let the truth be told and talking to the people that matter.”

Dr. Tanya Hudson
Associate Professor
College of Education





<https://collaboratory.unc.edu/>



[@NCCollaboratory](https://twitter.com/NCCollaboratory)



[North Carolina Collaboratory](https://www.linkedin.com/company/nccollaboratory/)



[@NCCollaboratory](https://www.instagram.com/NCCollaboratory)